

```

proc contents data=mylib.tsacclaims2002_2017;
run;

proc print data=mylib.tsacclaims2002_2017 (obs=10);
run;

proc sort data=mylib.tsacclaims2002_2017 out=mylib.cleaned
      nodupkey dupout=duplicates;
      by _all_;
run;

data mylib.nomissing;
      set mylib.cleaned;
      if Claim_Site in ('-', '') then Claim_Site="Unknown";
      if Claim_Type in ('-', '') then Claim_Type="Unknown";
      if Disposition in ('-', '') then Disposition="Unknown";
run;

proc print data=mylib.nomissing (obs=10);
run;

proc freq data=mylib.nomissing;
      tables Claim_Type;
run;

data mylib.cleanedV2;
      set mylib.nomissing;
      if Claim_Type in ("assenger Property Loss/")
            then Claim_Type="Passenger Property Loss";
      if Claim_Type in ("Property Damage/Persona")
            then Claim_Type="Property Damage";
run;

data mylib.cleanedV2;
      set mylib.cleanedV2;
      if Disposition in ("Closed: Canceled")
            then Disposition="Closed:Canceled";
      if Disposition in ("losed: Contractor Claim")
            then Disposition="Closed:Contractor Claim";
run;

```

```
data mylib.cleanedV2;  
    set mylib.cleanedV2;  
    StateName=propcase(StateName);  
    State=upcase(State);  
run;
```

```
data mylib.cleanedV2;  
    set mylib.cleanedv2;  
    Date_Received = put(Date_Received, 8.);  
    Format Date_Received mmddyy7.;  
run;
```

```
data mylib.cleanedV2;  
    set mylib.cleanedv2;  
    Incident_Date= input(Incident_Date,anytdt32.);  
    Incident_Date = put(Incident_Date, yymmdd8.);  
    Format Incident_Date mmddyy7.;  
run;
```

```
data mylib.cleanedV2;  
    set mylib.cleanedv2;  
    if (Incident_Date > Date_Received or  
    Incident_Date = . or  
    Date_Received = . or  
    year(Incident_Date) < 2002 or  
    year(Incident_Date) > 2017 or  
    year(Date_Received) < 2002 or  
    year(Date_Received) > 2017) then Date_Issues="Needs Review";  
run;
```

```
data mylib.cleanedV2;  
    set mylib.cleanedV2;  
    drop County City;  
    format Currency Dollar10.2;  
    format Incident_Date Date_Received date9.;  
run;
```

```
data mylib.cleanedV2;
  set mylib.cleanedV2;
  label Airline_Name = "Ariline Name"
        Airport_Code = "Airport Code"
        Airport_Name = "Airport Name"
        Claim_Amount = "Claim Amount"
        Claim_Number = "Claim Number"
        Claim_Site = "Claim Site"
        Claim_Type = "Claim Type"
        Close_Amount = "Close Ammount"
        Date_Received = "Date Recivied"
        Incident_Date = "Incident Date";

run;

libname tsa "/home/u63383820/DS SAS Project 1/Airport Data";

data tsa.claims_cleaned;
  set mylib.cleanedv2;
run;

proc sort data=tsa.claims_cleaned;
  by Incident_Date;
run;
```